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(54) Title of the invention : A COMPREHENSIVE HEALTHCARE APPLICATION FACILITATING APPOINTMENT SCHEDULING AND COMMUNICATION BETWEEN PATIENTS, CLINICIANS, AND DOCTORS

<p>(51) International classification :G06Q0010100000, G16H0010600000, G16H0015000000, G16H0040200000, G16H0080000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Brainware University, Kolkata Address of Applicant :398, Ramkrishnapur Rd, Near Jagadighata Market, Barasat, Kolkata, West Bengal 700125 ----- Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Subhro Prokash Dutta Address of Applicant :Assistant Professor, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 2)Mr. Sayan Chakraborty Address of Applicant :Student, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 3)Mr. Anshu Chakraborty Address of Applicant :Student, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 4)Chiranjeev Sarkar Address of Applicant :Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 5)Abhishek Banerjee Address of Applicant :Assistant Professor, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 6)Koushik Mukhopadhyay Address of Applicant :Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 7)Sitikantha Chattopadhyay Address of Applicant :Assistant Professor, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 8)Dr. Debdutta Paul Address of Applicant :Professor, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 9)Mr. Shiplu Das Address of Applicant :Assistant Professor, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 ----- 10)Priyanka Ghosh Address of Applicant :Assistant Professor, Computer Science (CSE) Department, Brainware University, 398 Ramkrishnapur Road Barasat, Pin-700125 -----</p>
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(57) Abstract :

The present invention discloses a Comprehensive Healthcare Application Facilitating Appointment Scheduling and Communication Between Patients, Clinicians, and Doctors. In the present invention, an application includes a clinic login for administrative personnel to register doctors and patients and provide an overview of the registered users. A doctor login enables doctors to manage appointments, conduct video consultations, and digitally share medical information. The system includes a patient registration module for capturing critical patient information used for appointment scheduling and consultations. Patients can view doctor profiles, select a suitable doctor, and request appointments. Post-payment confirmation, a communication channel is enabled for live chat and video calls. A secure module allows for the exchange of medical reports and prescriptions, and a history maintenance module securely stores past consultations and treatment details. Additionally, the system incorporates features for patient appointment scheduling, managing doctor availability, patient appointments, payments, and organizing patient medical reports and prescriptions. Accompanied Drawing [FIGS. 1-2]

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